

Girl Scout Badges by Tuxedo Pandas on [www.gsmakeyourown.com](http://www.gsmakeyourown.com)



Brownies: Grades 2-3 <http://www.gsmakeyourown.com/badge/robotics-72>

1. Explain what robots can do.
2. Design a simple robot.
3. Program a robot to complete a simple task.
4. Participate in a fun challenge.
5. Learn about STEM.



Juniors: Grades 4-5 <http://www.gsmakeyourown.com/badge/robotics-73>

1. Explain 3 different types of robots and what they can do.
2. Design a simple robot.
3. Program a robot to complete two tasks.
4. Participate in a fun challenge.
5. Learn about STEM careers.



Cadettes: Grades 6-8 <http://www.gsmakeyourown.com/badge/robotics-64>

1. Explain 5 different types of robotics.
2. Design a simple robot
3. Program a robot to complete three tasks.

4. Participate in a competition.
5. Learn about three STEM careers and the education required for such professions.



Seniors (Grades 9-10) <http://www.gsmakeyourown.com/badge/robotics-71>  
and

Ambassadors (Grades 11-12) <http://www.gsmakeyourown.com/badge/robotics-74>

1. Describe the similarities and differences three types of robots.
2. Design a simple robot
3. Program a robot to complete three tasks.
4. Participate in a competition.
5. Name three career opportunities in robotics and learn the education, training, and experience required for this profession.